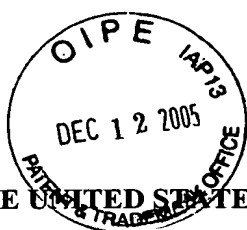


Docket No. 217148US2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Loic BRUNEL

SERIAL NO: 10/014,899

GAU: 2637

FILED: December 14, 2001

EXAMINER: Caroline J. Angelo

FOR: MULTIUSER DETECTION METHOD AND DEVICE IN DS-CDMA MODE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in co-pending U.S. Application Serial No: 10/011,757 and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

12/14/2005 MDAWTE1 00000004 10014899

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180.00 DP

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters

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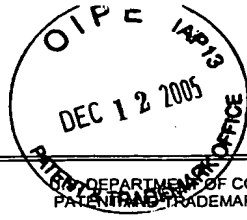
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(OSMMN 05/03)

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Michael E. Monaco

Registration No. 52,041

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
217148US2SERIAL NO.
10/014,899

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Loic BRUNELFILING DATE
December 14, 2001GROUP
2637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,801,579	10/2004	HASSIBI, et al.			
	AB	6,377,631	4/2002	Gregory G. RALEIGH			
	AC	5,297,170	03/1994	EYUBOGLU, et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	0 465 851	1/15/1992	EUROPE		
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

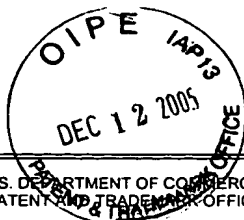
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Shinsuke HARA et al, "Overview of Multicarrier CDMA," IEEE Communications Magazine, December 1997, pp.126-133.				
	AX	Nathan YEE et al, "Multi-Carrier CDMA in Indoor Wireless Radio Networks," PIMRC' 93, The Fourth International Symposium on Personal, Indoor and Mobile Radio Communications, Communications- the bridge to the future," September 8-11, 1993.				
	AY	Stefan KAISER et al, "Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation," IEEE, August 1997, pp. 6-10.				
	AZ	S. NAHM, et al., IEEE GLEBECOM 1996, XP-000748718, vol. 3, pages 1583-1587, "TIME-DOMAIN EQUALIZATION FOR THE ORTHOGONAL MULTI-CARRIER CDMA SYSTEM", November 18, 1996.				<input checked="" type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
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FOREIGN PATENT DOCUMENTS

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					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	J.F. HELARD, et al., Electronics Letters, XP-000936982, vol. 36, no. 7, page 665, "LINEAR MMSE DETECTION TECHNIQUE FOR MC-CDMA", March 30, 2000.
	AX	P. JUNG, et al. Frequenz, XP-000765910, vol. 51, no 11/12, pages 270-275, "A GENERALIZED VIEW ON MULTICARRIER CDMA MOBILE RADIO SYSTEMS WITH JOINT DETECTION (PART II)", November 1, 1997.
	AY	A. KLEIN, et al., PIMRC'92, The Third IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (CAT. NO. 92TH0488-7), pages 118-122, "SIMULTANEOUS CANCELLATION OF CROSS INTERFERENCE AND ISI IN CDMA MOBILE RADIO COMMUNICATIONS", October 19-21, 1992.
	AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

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